

STENT USEFUL FOR EXPANSION OF LUMEN

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Disclosed is a stent (1) which can be manufactured densely in a simple way for a minimized processing time and which is configured to be pliable according to the crooked configuration of a body lumen without a refraction so that it has an enhanced partial expansion force at the curved portions and is not readily movable at the inserted position in the body lumen, the stent including first unit members and second unit members each having a unit length, wherein the first unit members make a turn in a zigzag fashion in a cycle on the basis of a reference point to form a cylindrical structure and provide a first one-turn (3), and after forming the first one-turn, correspondingly interfere with each other with a phase difference from the first one-turn (3) to form a mesh structure and provide a first two-turn (5), wherein the second unit members regularly cross each other between the first one-turn (3) and the first two-turn (5) to form a mesh structure on the basis of a reference point spaced at a predetermined distance from a point opposing the reference point of the first one-turn.

